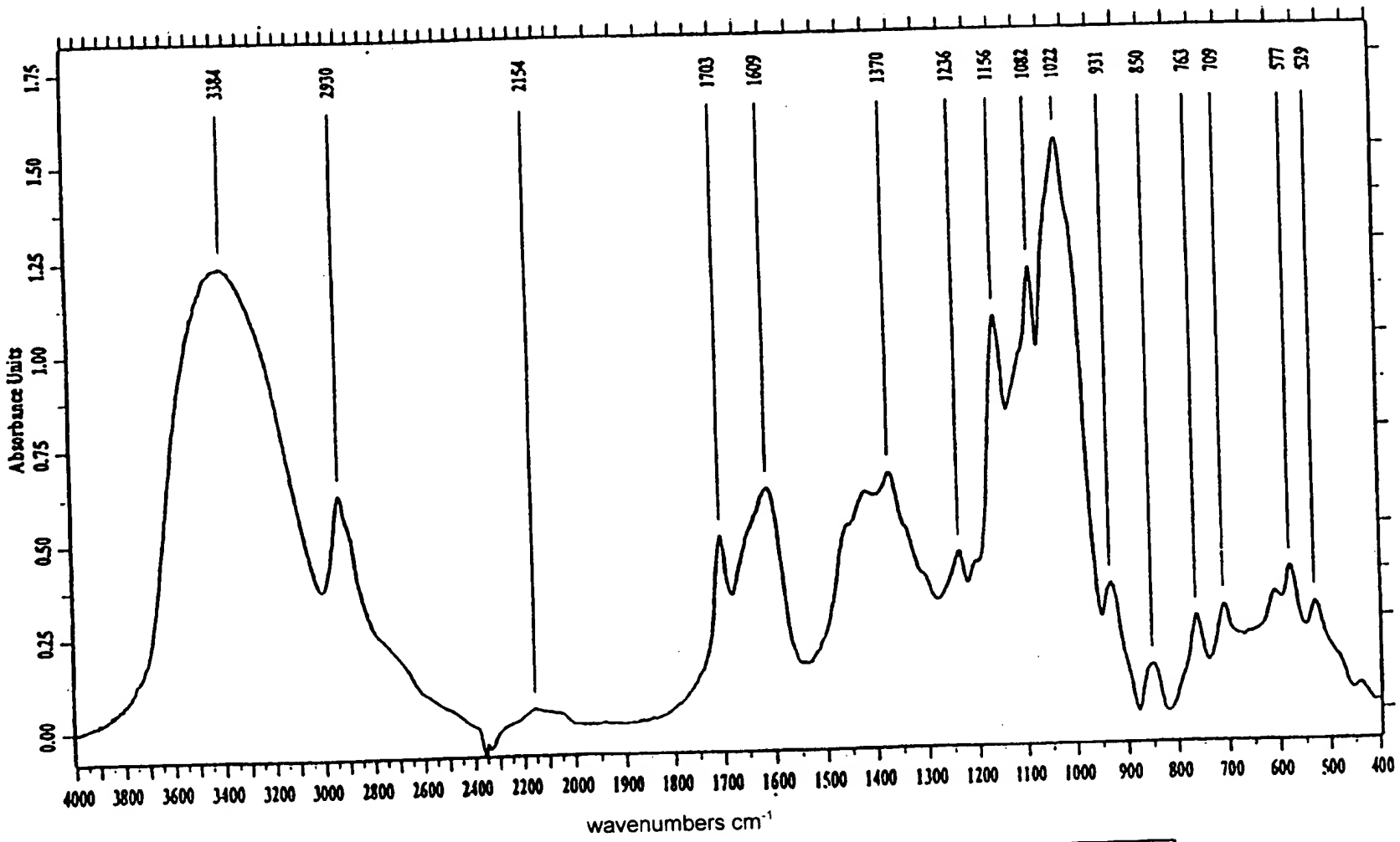
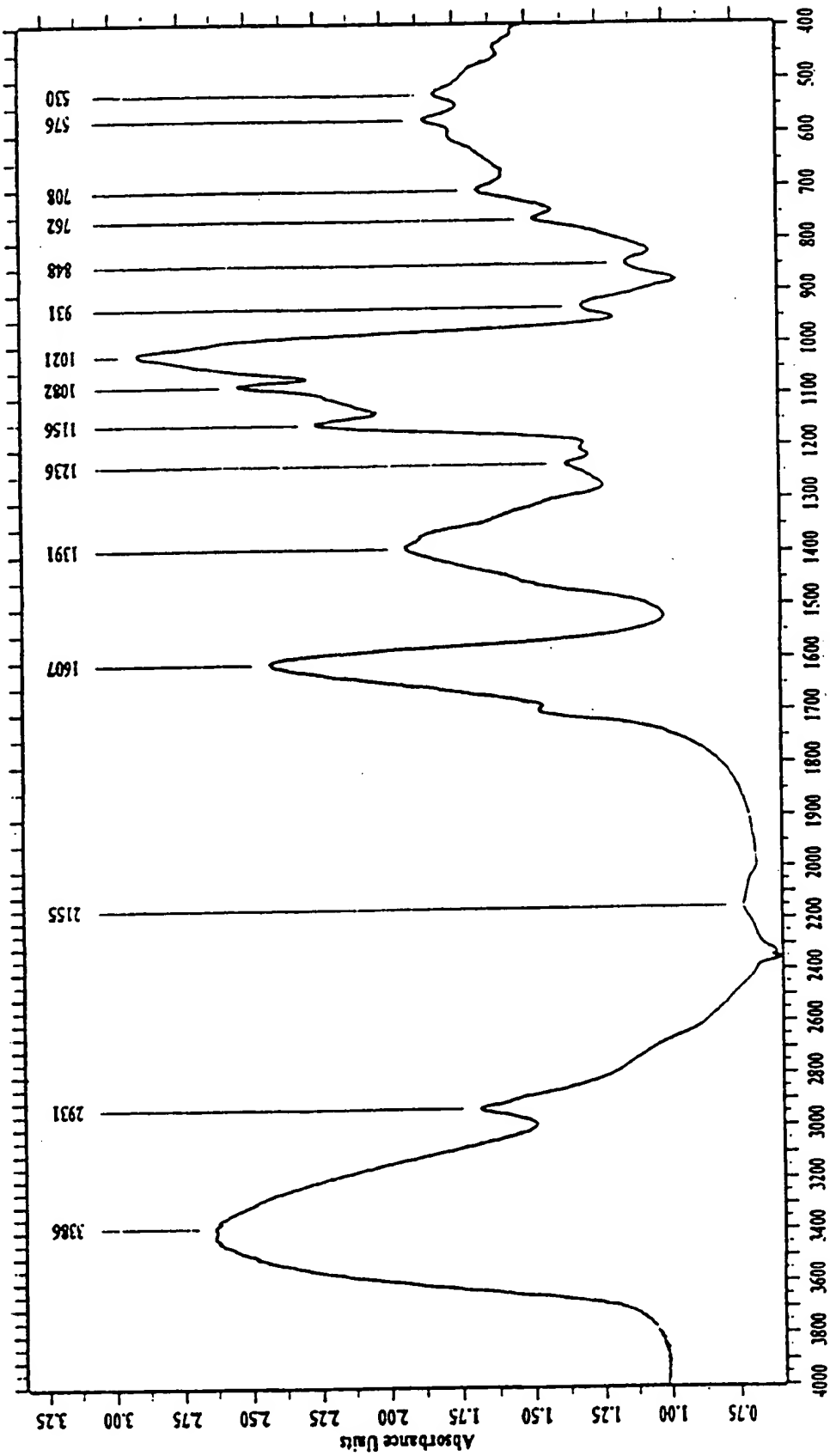


Sample: malatyl starch/Hy	Frequency range: 3999.6401-399.1926	Number of Scans: 50
Method: KBr	Resolution: 4.0	Scan duration: 48.0520 (sec)
	Support points: 2	Acquisition: double-sided, forward-backward

Fig. 1



Sample: malatyl starch/W	Frequency range: 3999.6401-399.1926	Number of Scans: 50
Method: KBr	Resolution: 4.0	Scan duration: 48.0463 (sec)
File5MS_W_DIA.0	Support points: 2	Acquisition: double-sided, forward-backward

Fig. 2

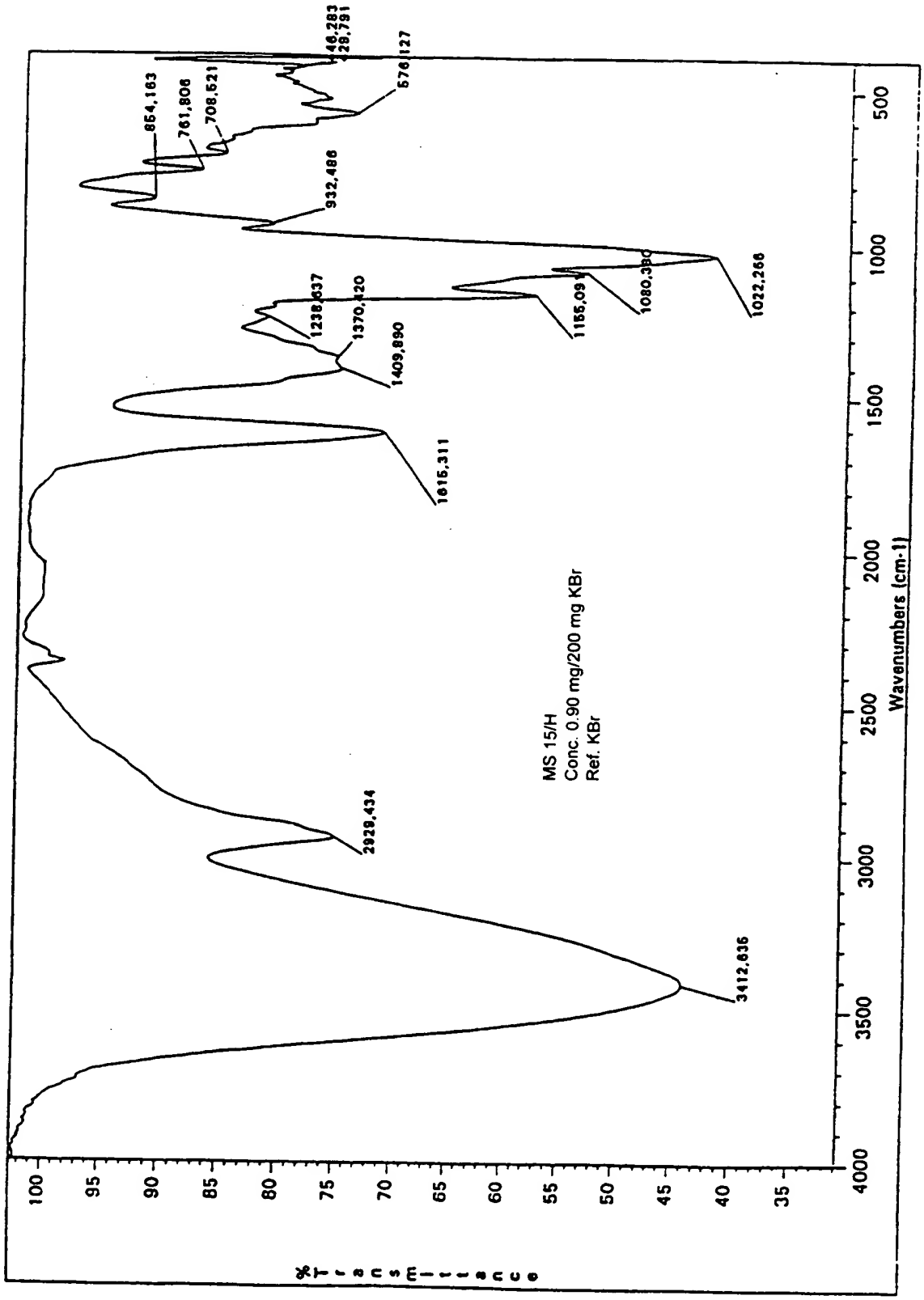

%Transmittance
100
95
90
85
80
75
70
65
60
55
50
45
40
35
4000
3500
3000
2500
2000
1500
1000
500
Wavenumbers (cm-1)
MS 15/H
Conc. 0.90 mg/200 mg KBr
Ref. KBr
3412,636
2928,434
1615,311
1409,890
1370,420
1238,637
1165,091
1080,380
1022,268
932,486
864,163
761,806
708,521
676,127
746,283
728,791

Fig. 3

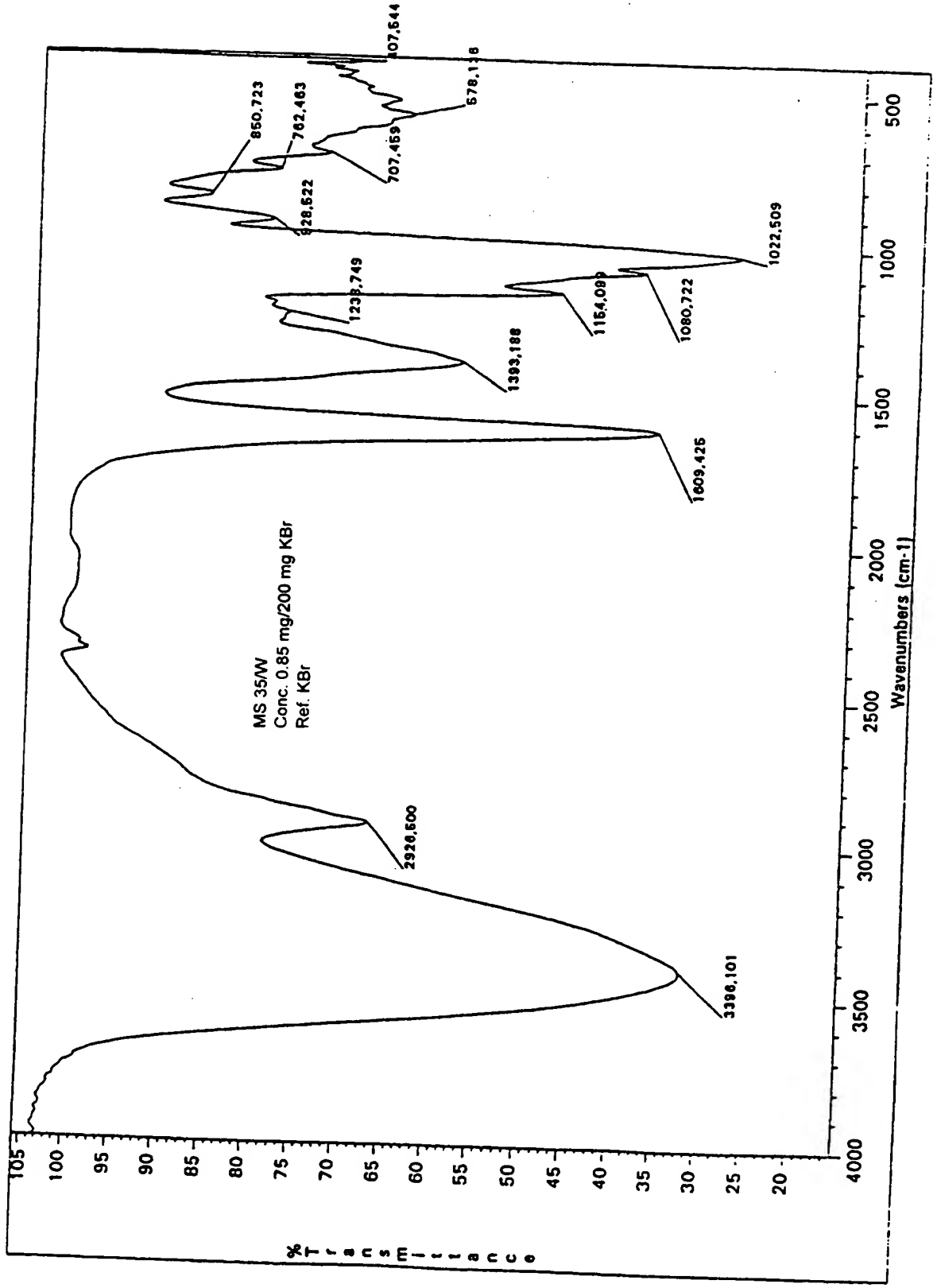

MS 35/W
Conc. 0.85 mg/200 mg KBr
Ref. KBr
%Transmittance
Wavenumbers (cm-1)
3396.101
2926.500
1609.426
1393.188
1238.749
1164.089
1080.722
1022.509
928.522
850.723
762.463
707.459
678.116
607.644

Fig. 4

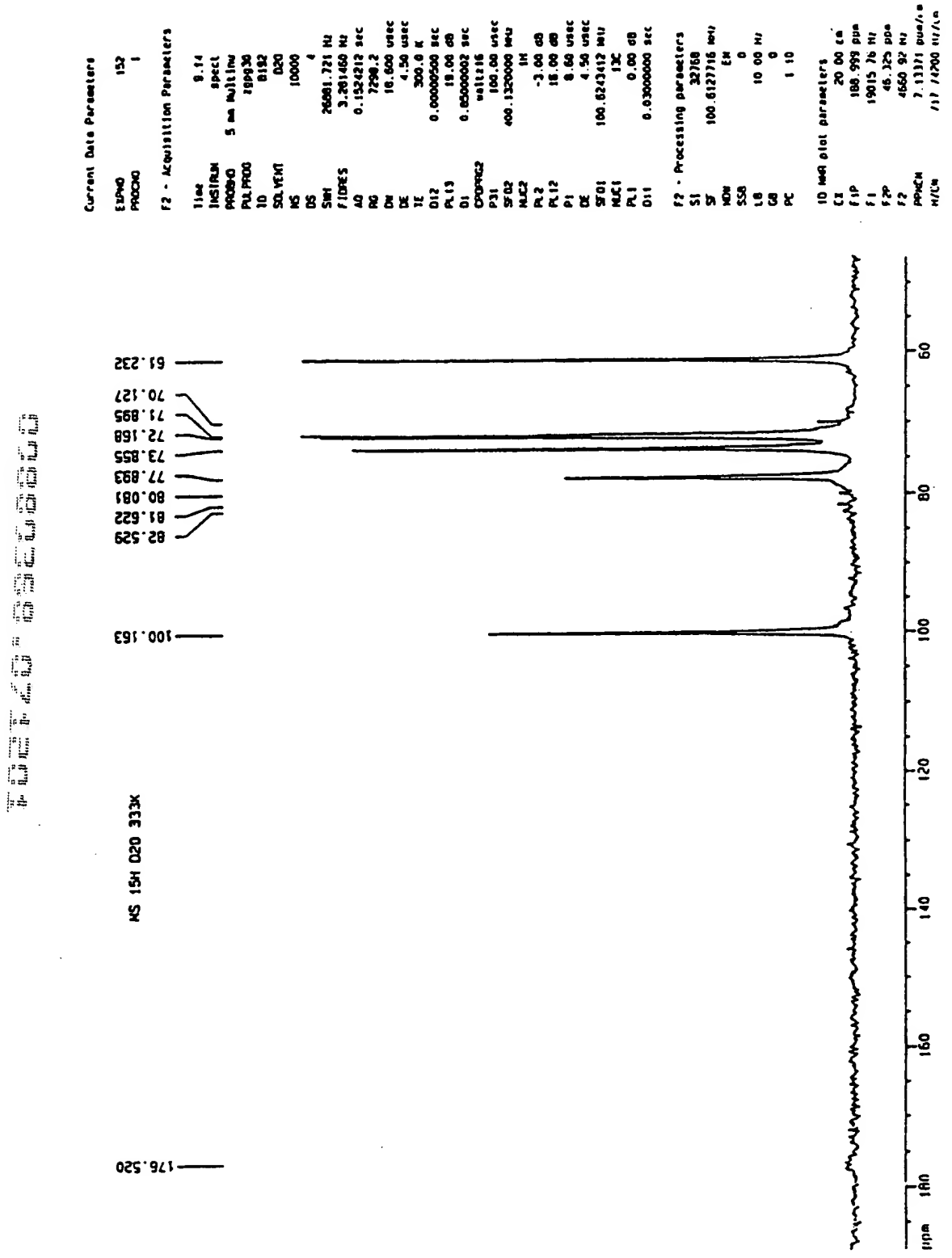

Current Data Parameters
F2 - Acquisition Parameters
F2 - Processing parameters
1D NMR plot parameters
61.232
70.127
71.895
72.168
73.855
77.893
80.081
81.622
82.529
100.163
176.520
MS 15H 020 333K
ppm

Fig.5

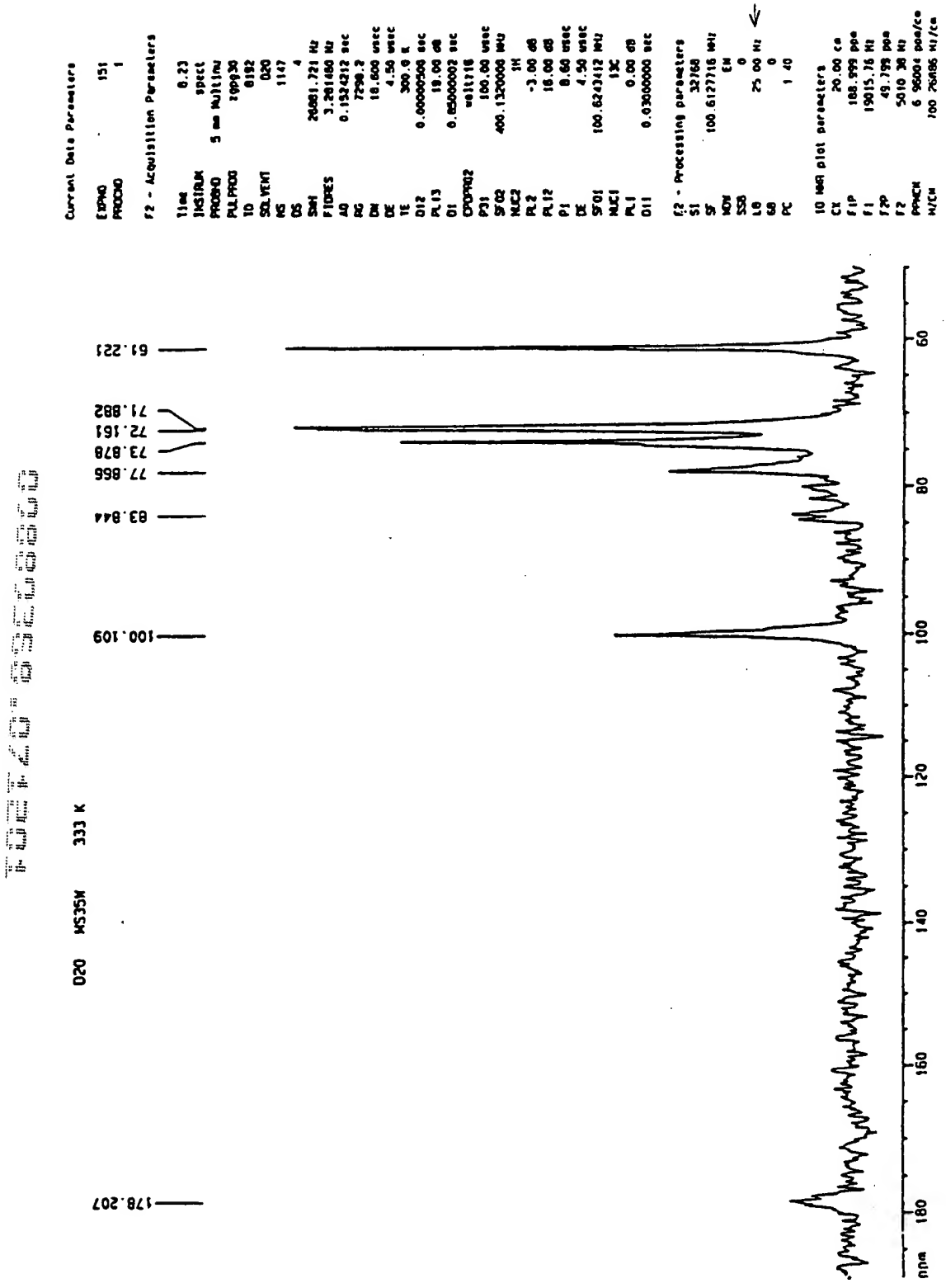
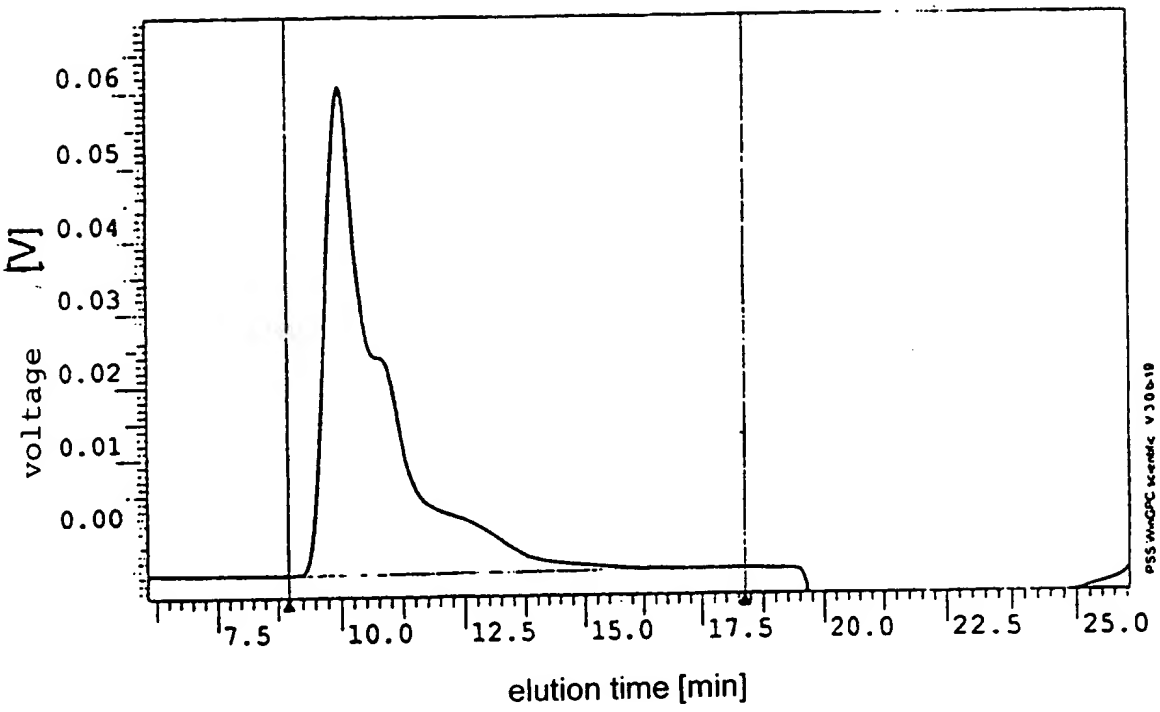

Current Data Parameters
NAME
EXPNO 151
PROCNO 1
F2 - Acquisition Parameters
Time 8.23
INSTRUM spect
PROBHD 5 mm Multinu
PULPROG zgpg30
TD 8192
SOLVENT D20
NS 1147
DS 4
SWH 26881.721 Hz
FIDRES 3.281480 Hz
AQ 0.1524312 sec
RG 7298.2
DW 18.600 usec
DE 4.50 usec
TE 300.0 K
D12 0.00000500 sec
PL13 18.00 dB
D1 0.85000002 sec
CPDPRG2 waltz16
P31 100.00 usec
SFO2 400.1320006 MHz
NUC2 1H
PL2 -3.00 dB
PL12 18.00 dB
P1 8.60 usec
DE 4.50 usec
SFO1 100.6243412 MHz
NUC1 13C
PL1 0.00 dB
D11 0.03000000 sec
F2 - Processing parameters
SI 32768
SF 100.6127710 MHz
WDW EM
SSB 0
LB 25.00 Hz
GB 0
PC 1.40
1D NMR plot parameters
CX 20.00 cm
F1P 188.999 ppm
F1 19015.76 Hz
F2P 49.799 ppm
F2 5010.38 Hz
PPMCM 6.96004 ppm/cm
HZCM 700.26686 Hz/cm
020 MS35W 333 K
61.221
71.882
72.161
73.878
77.866
83.844
100.109
178.207
60
80
100
120
140
160
180
ppm

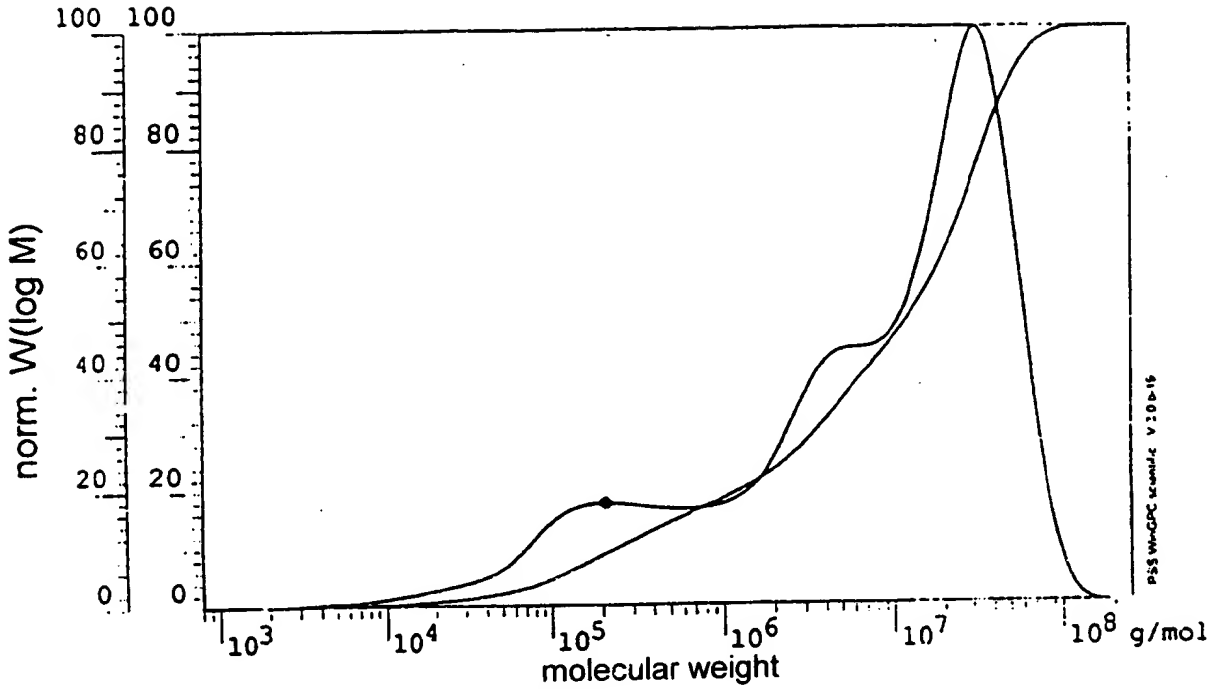
Fig.6



Sample:	malatyl starch/Hy		
Measured values starting:	Monday		6.054 ml
Measured values ending:	Monday		26.054 ml
Calibration file:	pull-no3.EIC	Eluant	twice distilled H_2O
minim. inhibitory concentration - A:	7.140E-01	minim. inhibitory concentration - M	1.363E-02 ml/g
Int. Standard: -E	0.000 ml	Int. Standard: -E	0.000 ml
Pump:	TSP P 100	flow rate:	1.000 ml/min
Concentration:	1.000 g/l	injection volume:	200.000 µl
Column 1:	HB 40 VOR	temperature:	
Column 2:	HB 1000	temperature:	
Column 3:	HB 40	temperature:	
Detector:	Shodex RI	displacement:	0.000 ml
Operator:		measuring intervals:	1.000 sec

Peak	Component	VP[ml]	F[V*ml]	F[%]	C[g/l]	C[%]
A:						
Sum:			0.000	100.0000	0.0000	100.0000

Fig. 7

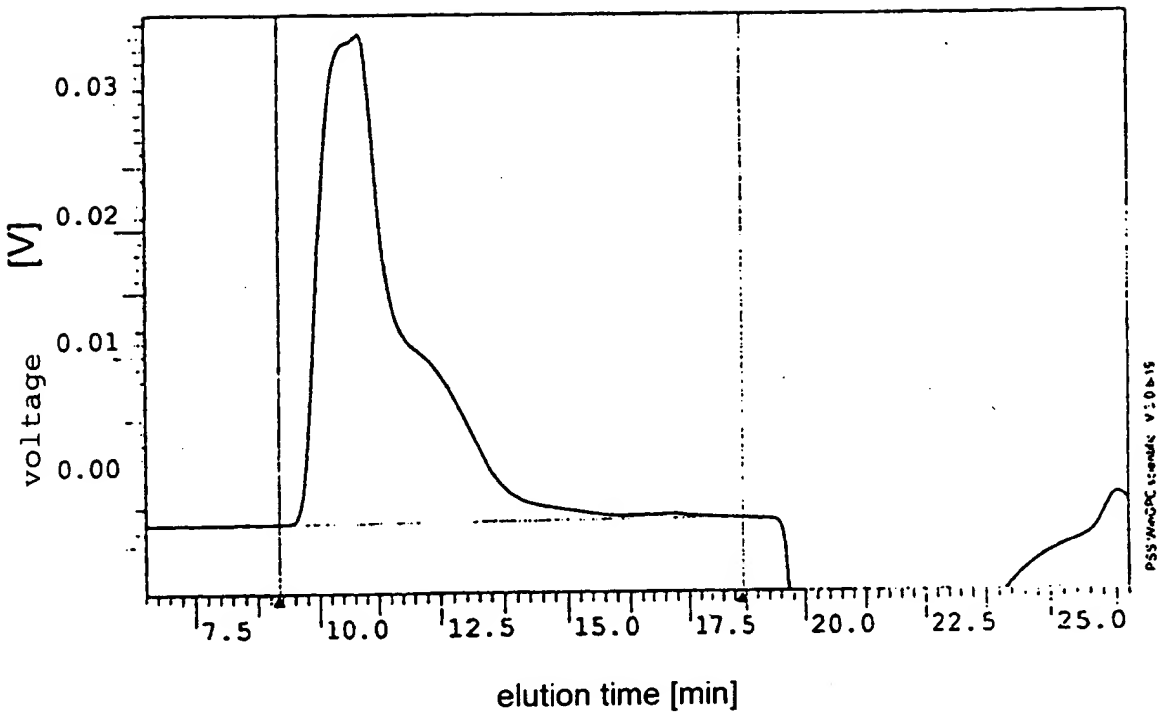


Sample:	malatyl starch/Hy		
Integration starting:	Monday		8.966 ml
Integration ending:	Monday		18.386 ml
Calibration file:	pull-no3.EIC	Eluant	twice distilled H_2O
minim. inhibitory concentration -A:	7.140E-01	minim. inhibitory concentration - M	1.363E-02 ml/g
Int. Standard: -E	0.000 ml	Int. Standard: -E	0.000 ml
Pump:	TSP P 100	flow rate:	1.000 ml/min
Concentration:	1.000 g/l	injection volume:	200.000 µl
Column 1:	HB 40 VOR	temperature:	
Column 2:	HB 1000	temperature:	
Column 3:	HB 40	temperature:	
Detector:	Shodex RI	displacement:	0.000 ml
Operator:		measuring intervals:	1.000 sec

Shodex RI

$\overline{Mn}$:	4.054E+05	g/mol
$\overline{Mw}$:	1.977E+07	g/mol
$\overline{Mz}$:	4.307E+07	g/mol
$\overline{Mv}$:	1.563E+07	g/mol
D :	4.877E+01	
[n]:	1.866E+03	ml/g
Vp :	1.002E+01	ml
Mp :	3.228E+07	g/mol
FI :	8.639E-02	ml*V
<450	0.00	
w% :	100.00	
>967934140	0.00	

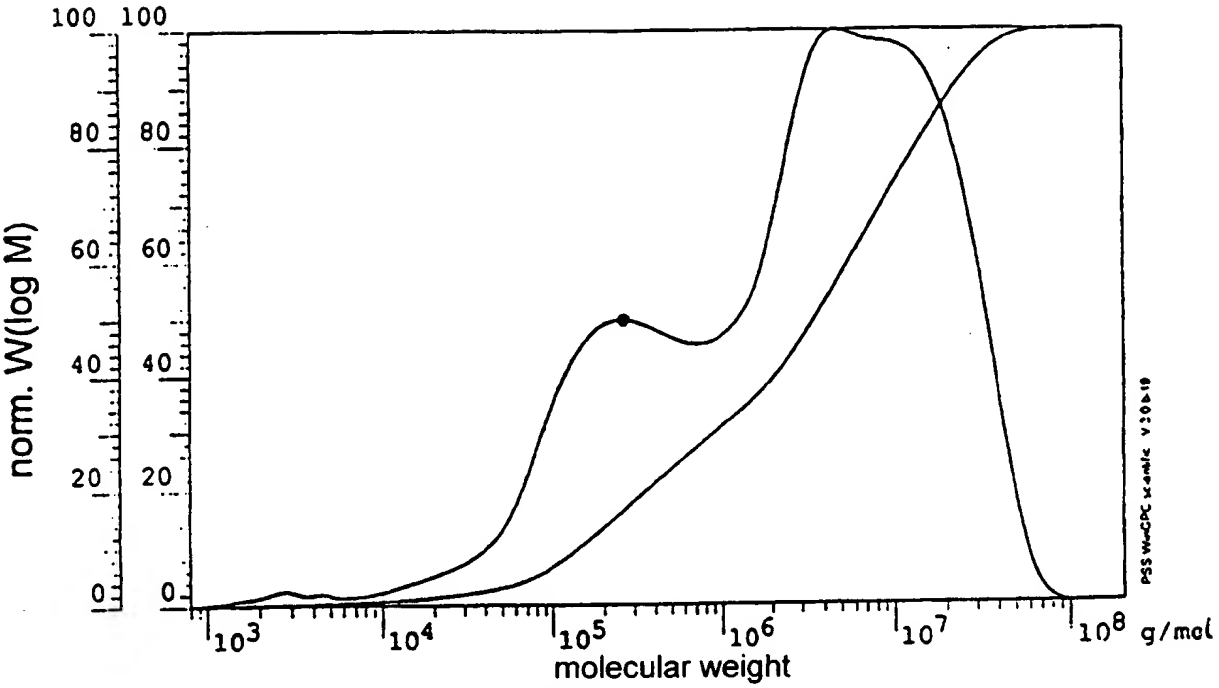
Fig. 8



Sample:	malatyl starch/W		
Measured values starting:	Monday		6.500 ml
Measured values ending:	Monday		26.500 ml
Calibration file:	pull-no3.EIC	Eluant	twice distilled H_2O
minim. inhibitory concentration - A:	7.140E-01	minim. inhibitory concentration - K	1.363E-02 ml/g
Int. Standard: -E	0.000 ml	Int. Standard: -M	0.000 ml
Pump:	TSP P 100	flow rate:	1.000 ml/min
Concentration:	1.000 g/l	injection volume:	200.000 µl
Column 1:	HB 40 VOR	temperature:	
Column 2:	HB 1000	temperature:	
Column 3:	HB 40	temperature:	
Detector:	Shodex RI	displacement:	0.000 ml
Operator:		measuring intervals:	1.000 sec

Peak	Component	VP[ml]	F[V*ml]	F[%]	C[g/l]	C[%]
A:						
Sum:			0.000	100.0000	0.0000	100.0000

Fig. 9



Sample:	malatyl starch/W		
Integration starting:	Monday		9.189 ml
Integration ending:	Monday		18.678 ml
Calibration file:	pull-no3.EIC	Eluant	twice distilled H_2O
minim. inhibitory concentration -A:	7.140E-01	minim. inhibitory concentration - K	1.363E-02 ml/g
Int. Standard: -E	0.000 ml	Int. Standard: -M	0.000 ml
Pump:	TSP P 100	flow rate:	1.000 ml/min
Concentration:	1.000 g/l	injection volume:	200.000 µl
Column 1:	HB 40 VOR	temperature:	
Column 2:	HB 1000	temperature:	
Column 3:	HB 40	temperature:	
Detector:	Shodex RI	displacement:	0.000 ml
Operator:		measuring intervals:	1.000 sec

Shodex RI

$\overline{Mn}$:	1.939E+05	g/mol
$\overline{Mw}$:	8.100E+06	g/mol
$\overline{Mz}$:	2.307E+07	g/mol
$\overline{Mv}$:	6.085E+06	g/mol
D :	4.177E+01	
[n]:	9.516E+02	ml/g
Vp :	1.090E+01	ml
Mp :	4.780E+06	g/mol
FI :	7.812E-02	ml*V
<270	0.00	
w% :	100.00	
>724536690	0.00	

Fig. 10